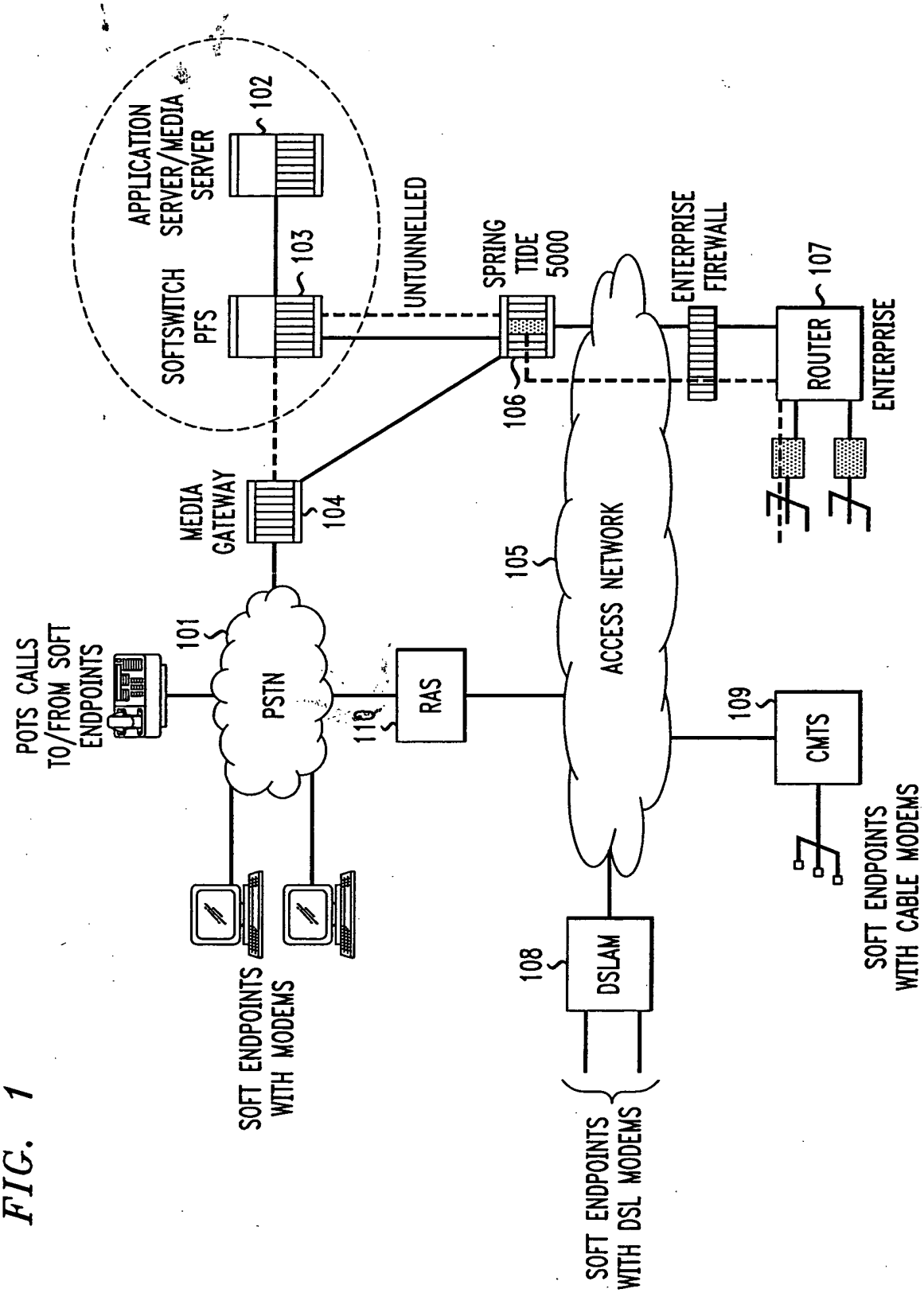

APPLICATION SERVER/MEDIA SERVER
102
SOFTSWITCH PFS
103
UNTUNNELLED
SPRING TIDE 5000
ENTERPRISE FIREWALL
ROUTER
107
ENTERPRISE
106
MEDIA GATEWAY
104
105
ACCESS NETWORK
POTS CALLS TO/FROM SOFT ENDPOINTS
101
PSTN
110
RAS
109
CMTS
SOFT ENDPOINTS WITH CABLE MODEMS
SOFT ENDPOINTS WITH MODEMS
108
DSLAM
SOFT ENDPOINTS WITH DSL MODEMS

FIG. 1

FIG. 2

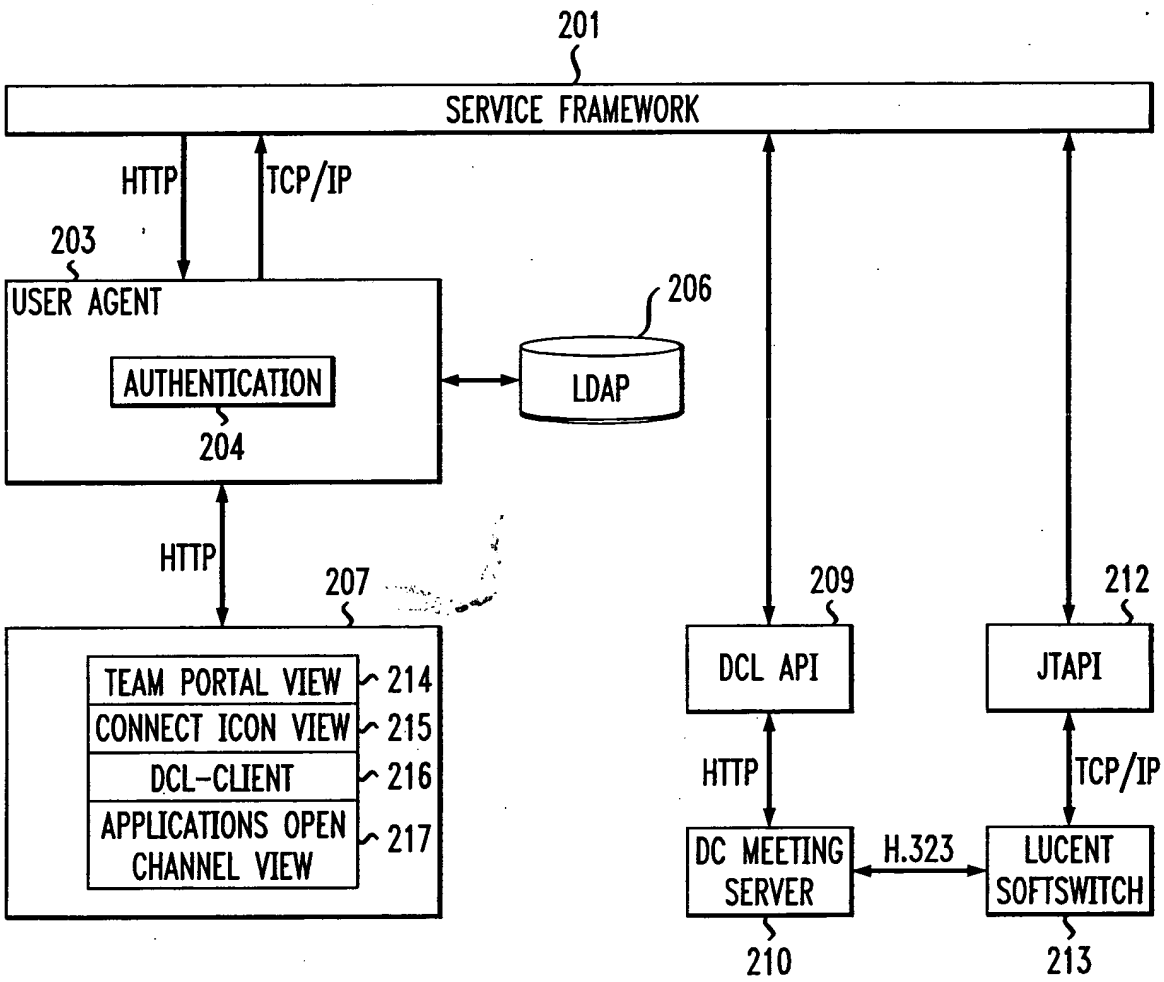

201
SERVICE FRAMEWORK
HTTP
TCP/IP
203
USER AGENT
AUTHENTICATION
204
206
LDAP
HTTP
207
TEAM PORTAL VIEW
214
CONNECT ICON VIEW
215
DCL-CLIENT
216
APPLICATIONS OPEN CHANNEL VIEW
217
209
DCL API
212
JTAPI
HTTP
TCP/IP
DC MEETING SERVER
H.323
LUCENT SOFTSWITCH
210
213

FIG. 3

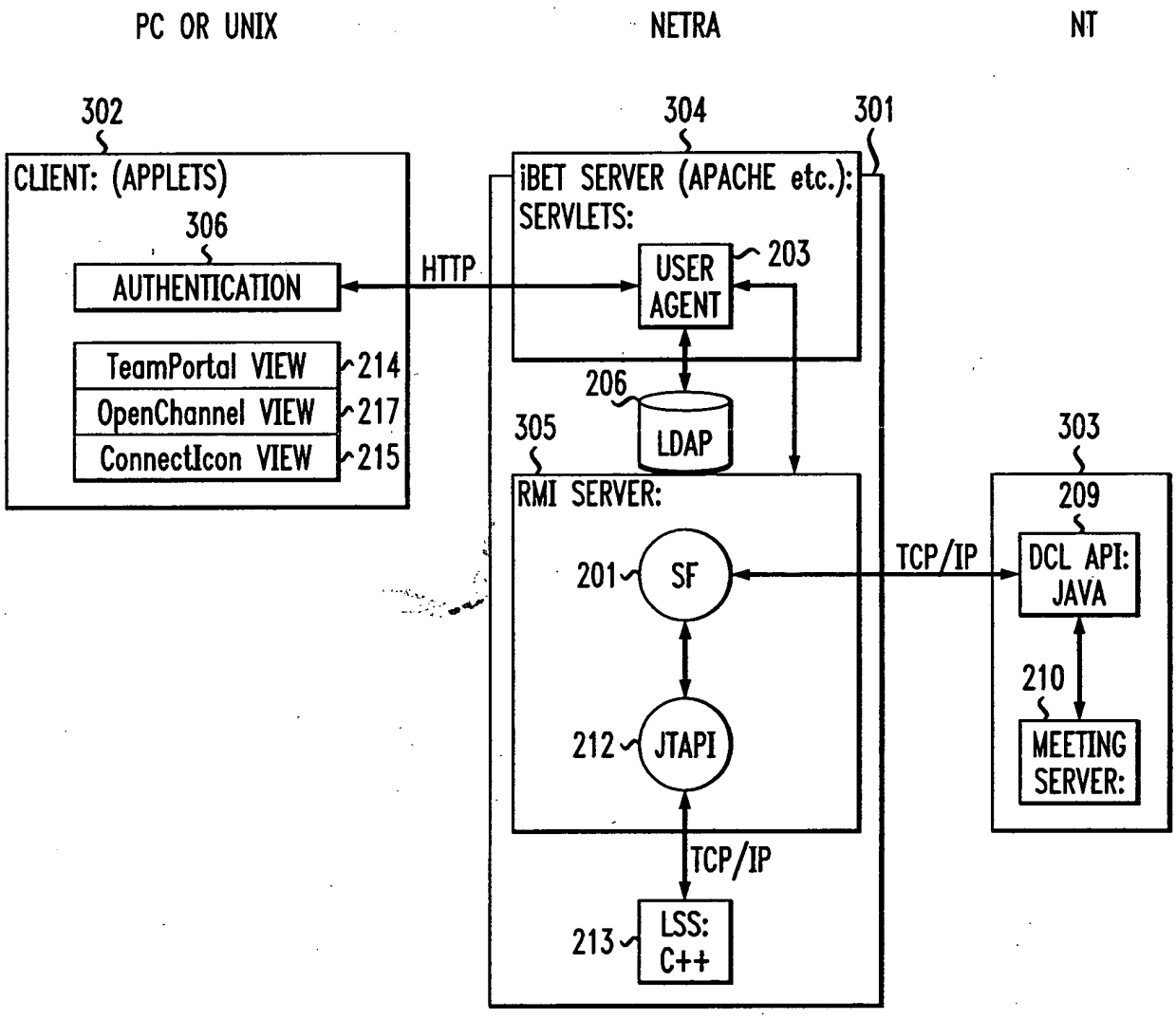

PC OR UNIX
NETRA
NT
302
304
301
CLIENT: (APPLETS)
306
AUTHENTICATION
TeamPortal VIEW
214
OpenChannel VIEW
217
ConnectIcon VIEW
215
HTTP
iBET SERVER (APACHE etc.):
SERVLETS:
USER AGENT
203
206
LDAP
305
RMI SERVER:
201
SF
212
JTAPI
TCP/IP
213
LSS: C++
TCP/IP
303
209
DCL API: JAVA
210
MEETING SERVER:

FIG. 4

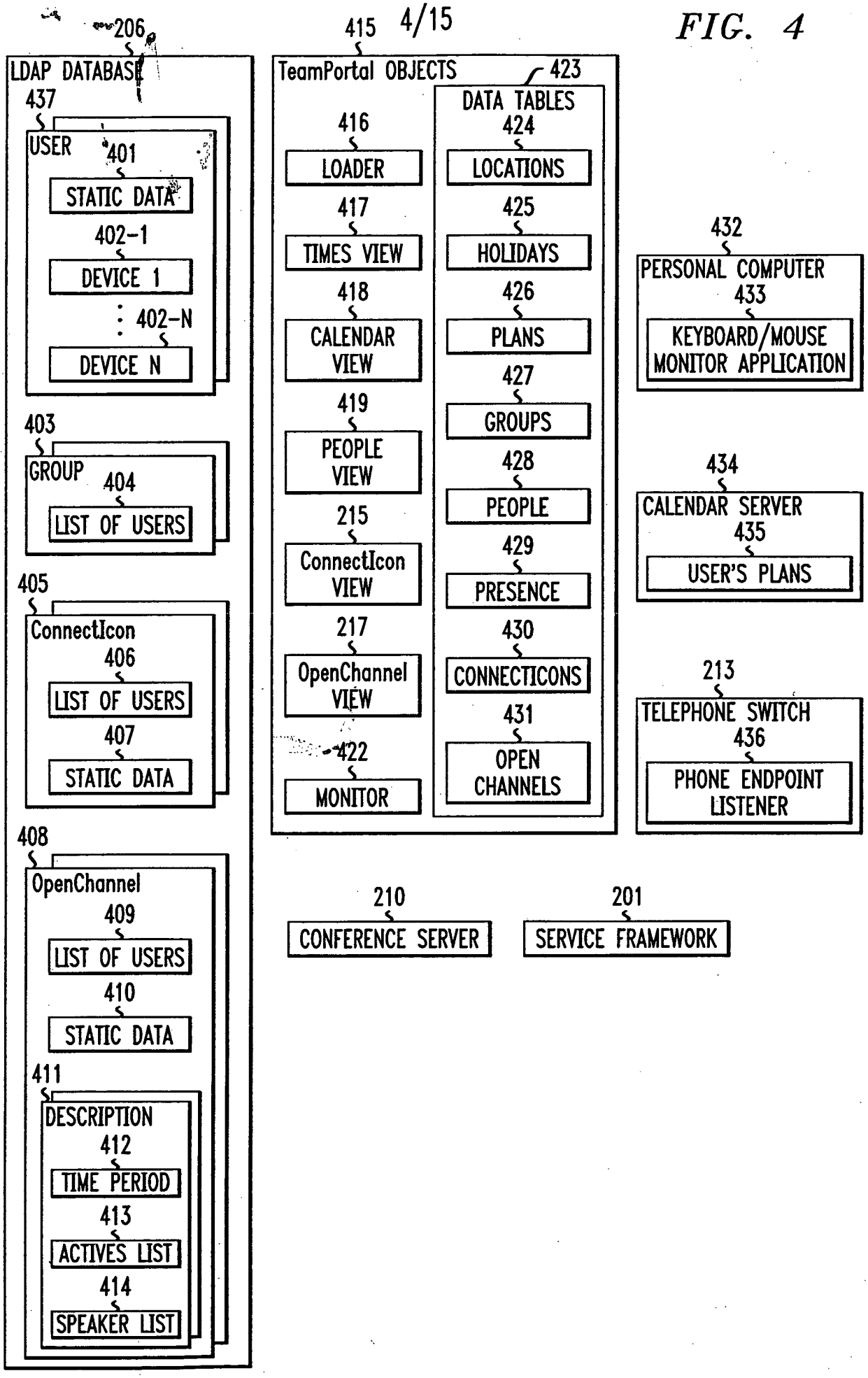

206
LDAP DATABASE
437
USER
401
STATIC DATA
402-1
DEVICE 1
402-N
DEVICE N
403
GROUP
404
LIST OF USERS
405
ConnectIcon
406
LIST OF USERS
407
STATIC DATA
408
OpenChannel
409
LIST OF USERS
410
STATIC DATA
411
DESCRIPTION
412
TIME PERIOD
413
ACTIVES LIST
414
SPEAKER LIST
415
TeamPortal OBJECTS
423
DATA TABLES
424
LOCATIONS
425
HOLIDAYS
426
PLANS
427
GROUPS
428
PEOPLE
429
PRESENCE
430
CONNECTICONS
431
OPEN CHANNELS
416
LOADER
417
TIMES VIEW
418
CALENDAR VIEW
419
PEOPLE VIEW
215
ConnectIcon VIEW
217
OpenChannel VIEW
422
MONITOR
432
PERSONAL COMPUTER
433
KEYBOARD/MOUSE MONITOR APPLICATION
434
CALENDAR SERVER
435
USER'S PLANS
213
TELEPHONE SWITCH
436
PHONE ENDPOINT LISTENER
210
CONFERENCE SERVER
201
SERVICE FRAMEWORK

FIG. 5

AUTOMATIC PRESENCE DATA COLLECTION

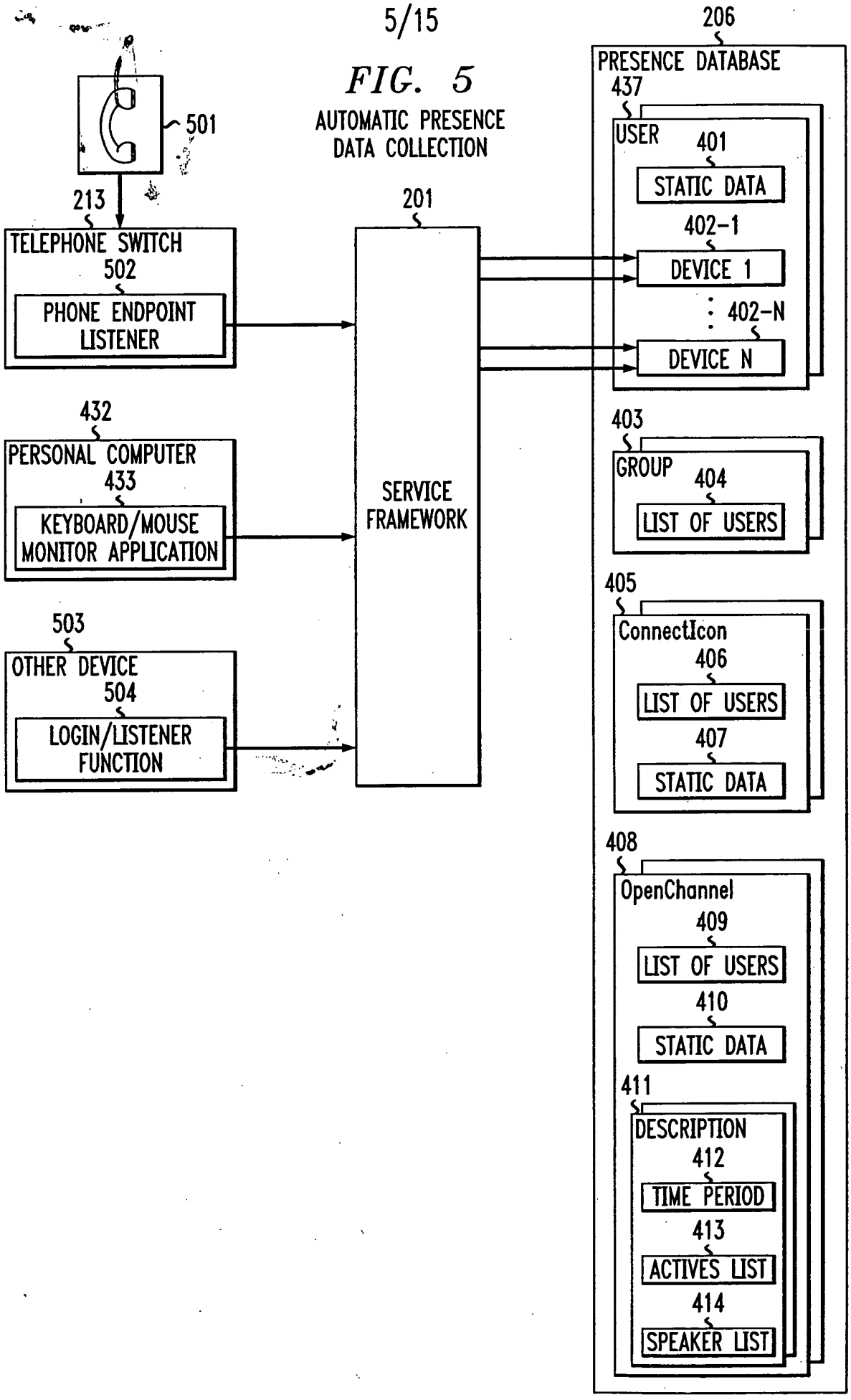


FIG. 6

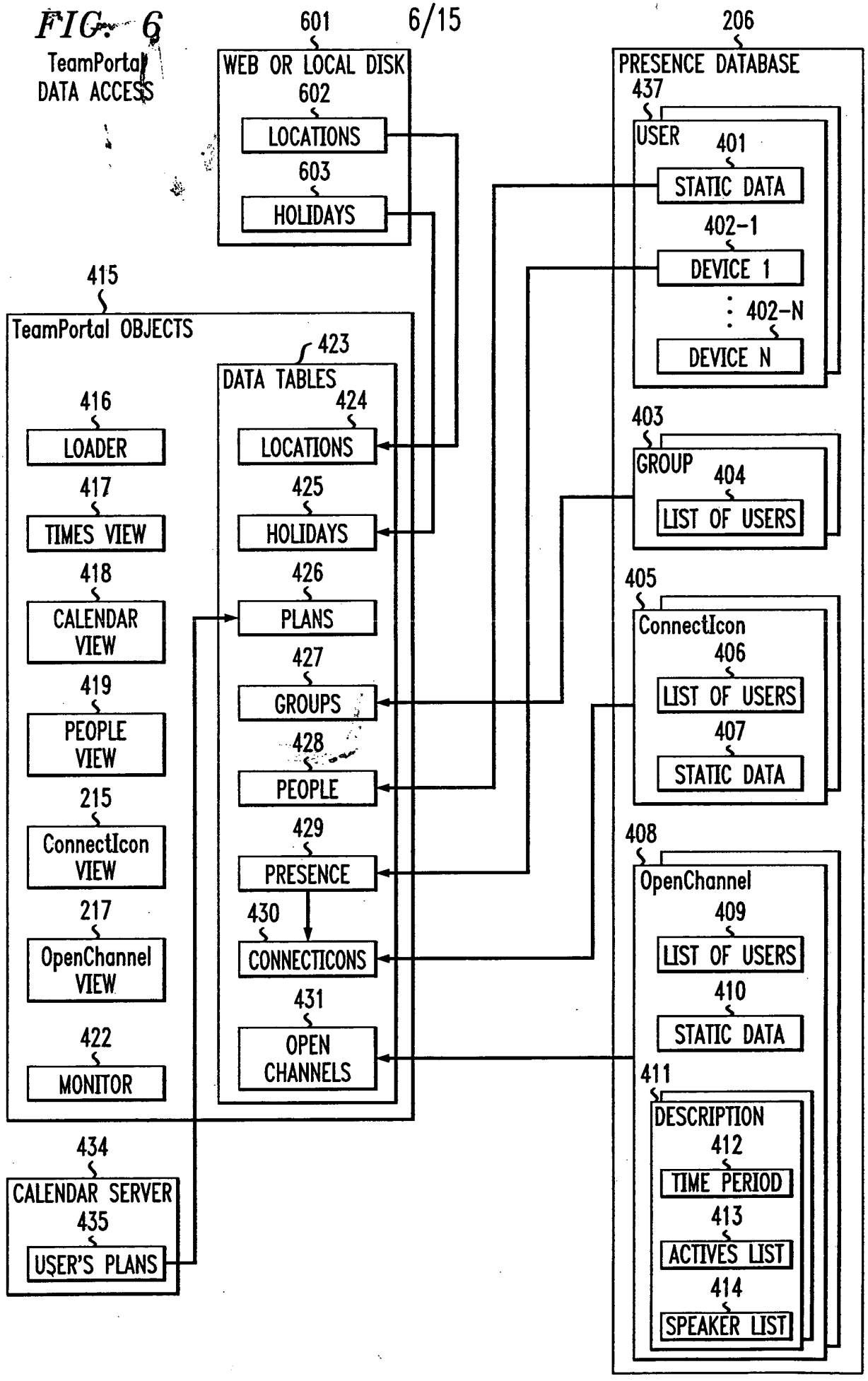

TeamPortal DATA ACCESS
601
WEB OR LOCAL DISK
602
LOCATIONS
603
HOLIDAYS
206
PRESENCE DATABASE
437
USER
401
STATIC DATA
402-1
DEVICE 1
402-N
DEVICE N
415
TeamPortal OBJECTS
423
DATA TABLES
424
LOCATIONS
425
HOLIDAYS
426
PLANS
427
GROUPS
428
PEOPLE
429
PRESENCE
430
CONNECTICONS
431
OPEN CHANNELS
416
LOADER
417
TIMES VIEW
418
CALENDAR VIEW
419
PEOPLE VIEW
215
ConnectIcon VIEW
217
OpenChannel VIEW
422
MONITOR
434
CALENDAR SERVER
435
USER'S PLANS
403
GROUP
404
LIST OF USERS
405
ConnectIcon
406
LIST OF USERS
407
STATIC DATA
408
OpenChannel
409
LIST OF USERS
410
STATIC DATA
411
DESCRIPTION
412
TIME PERIOD
413
ACTIVES LIST
414
SPEAKER LIST

FIG. 7

TeamPortal DATA USE

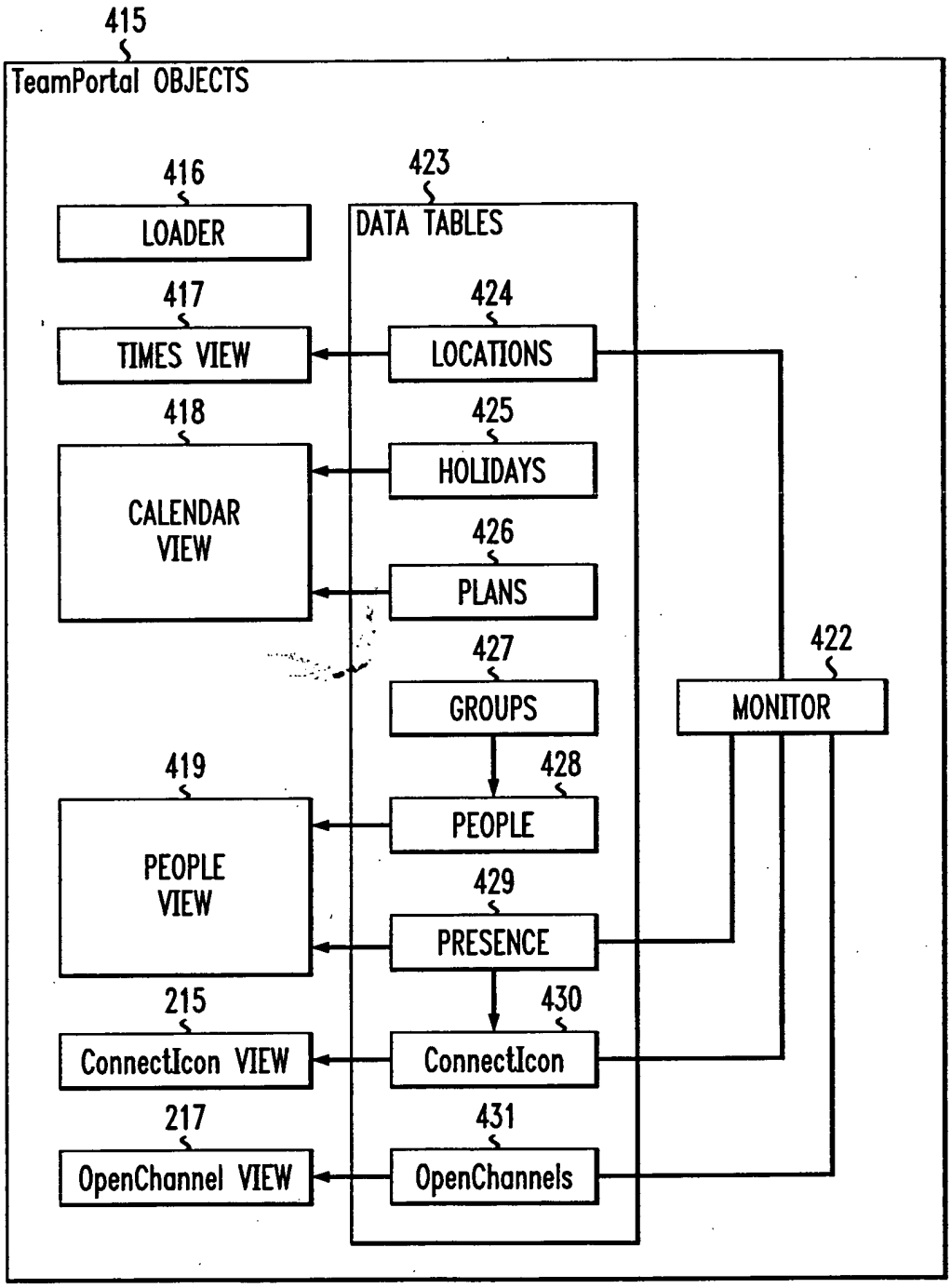


FIG. 8

PEOPLE VIEW DETAILS

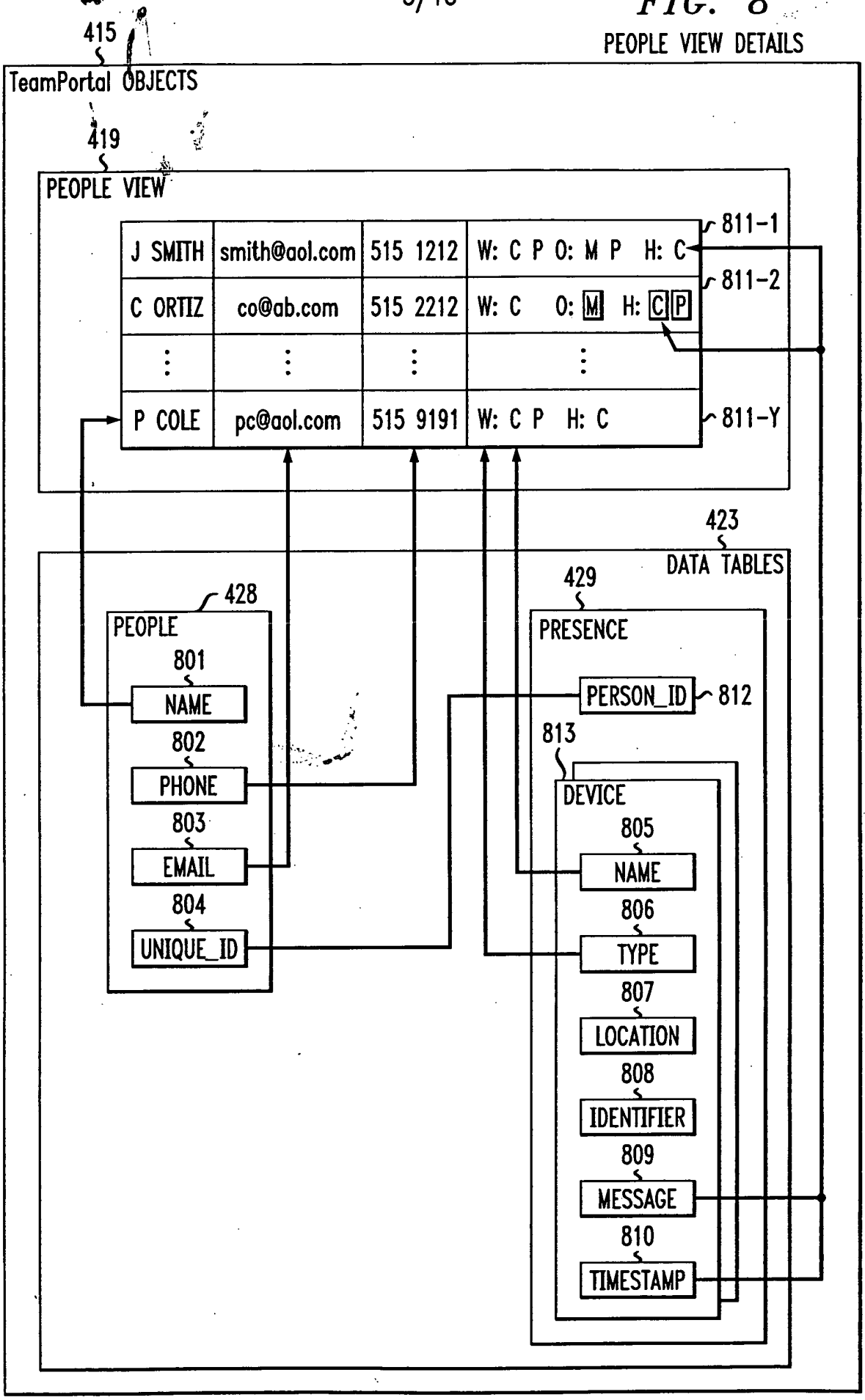


FIG. 9

ConnectIcon VIEW DETAILS

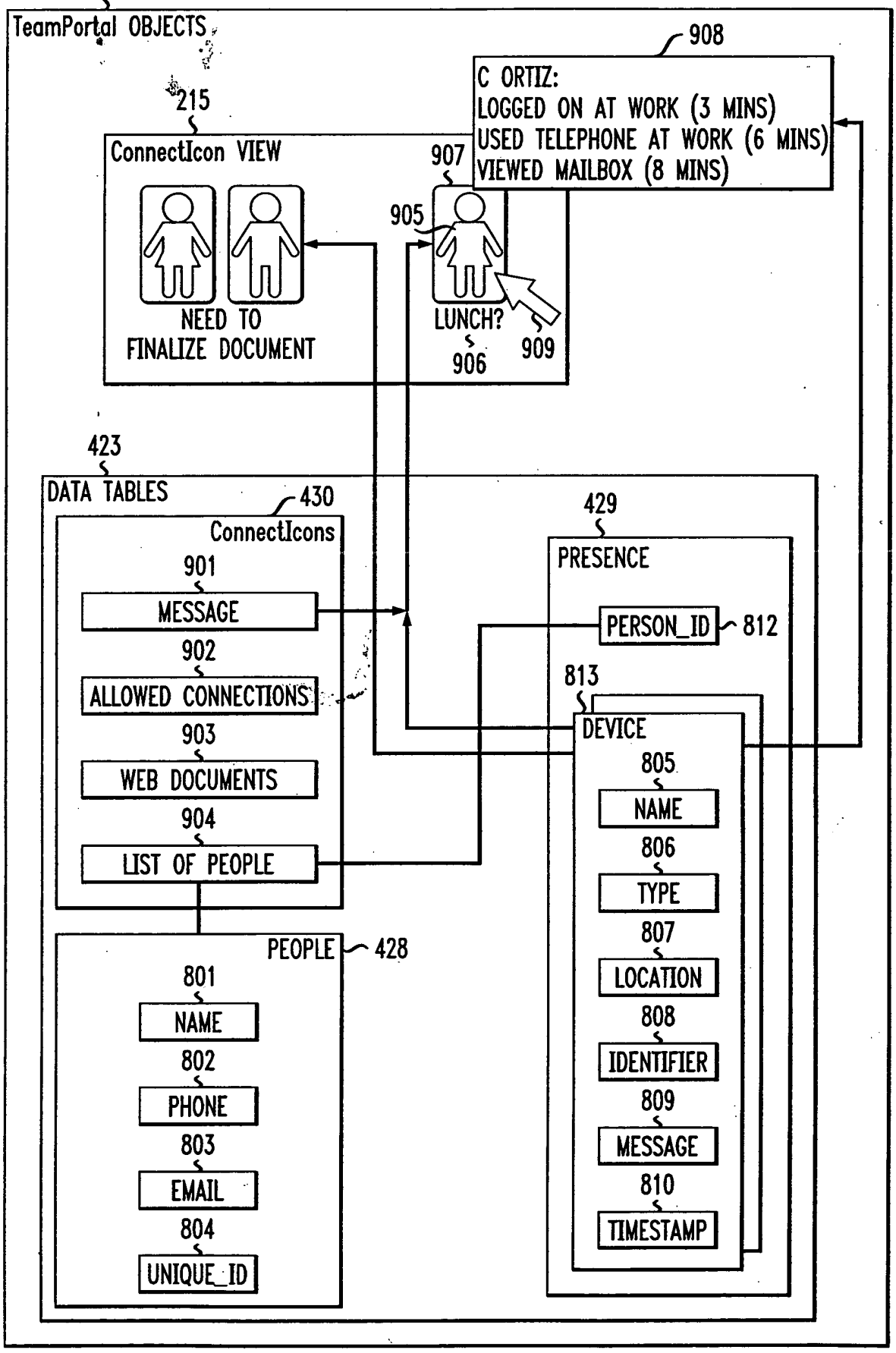


FIG. 10

OpenChannel VIEW DETAILS

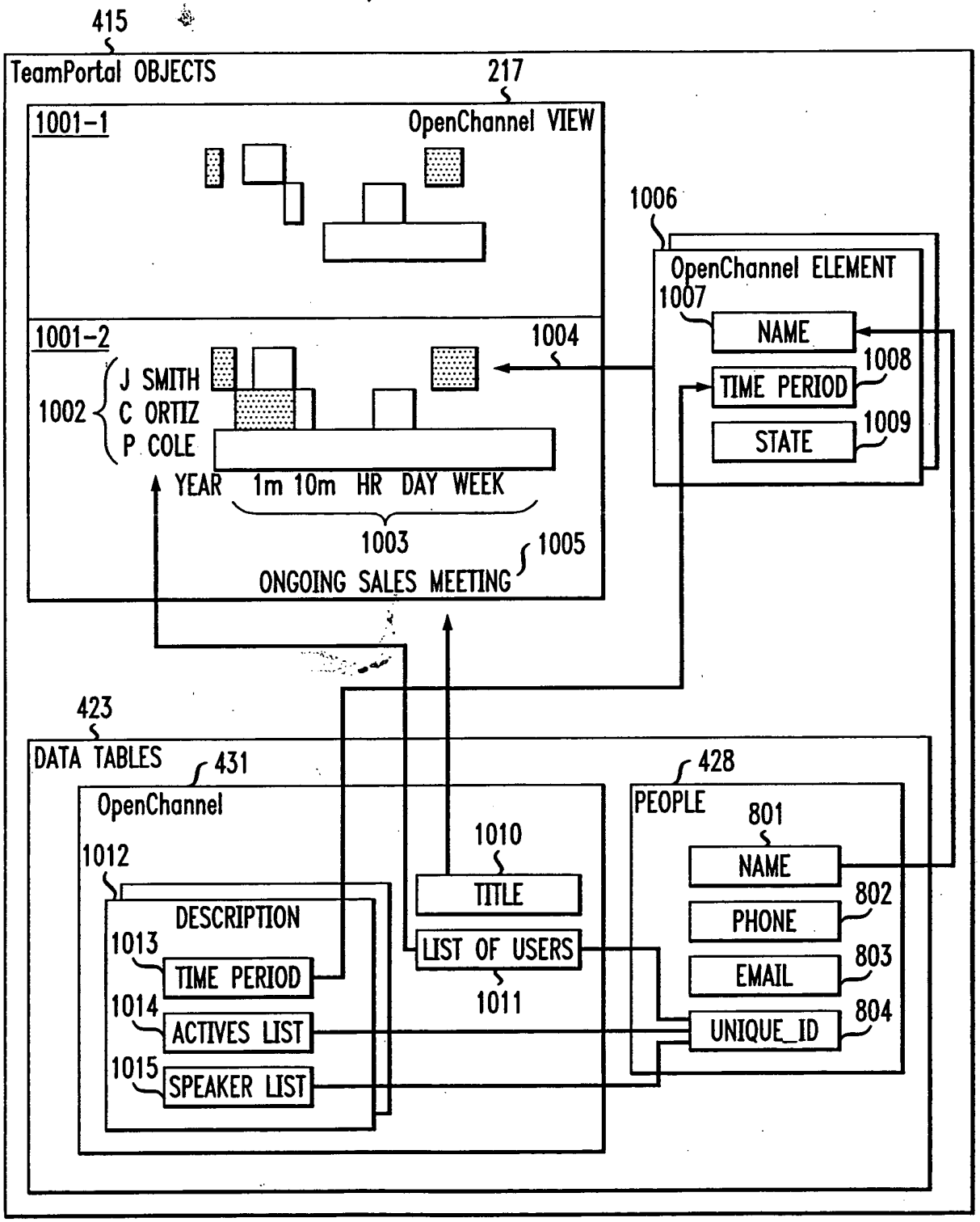


FIG. 11

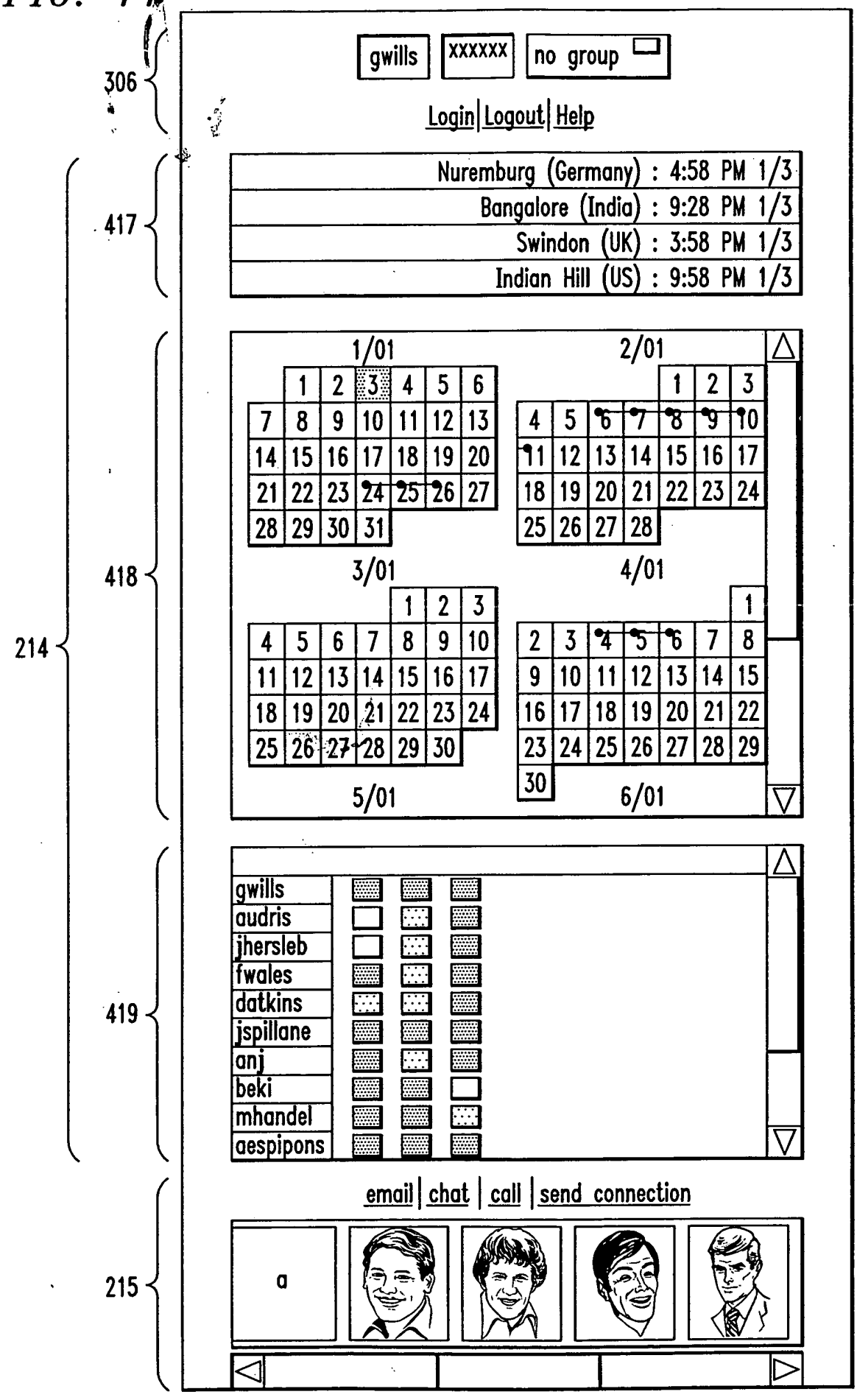
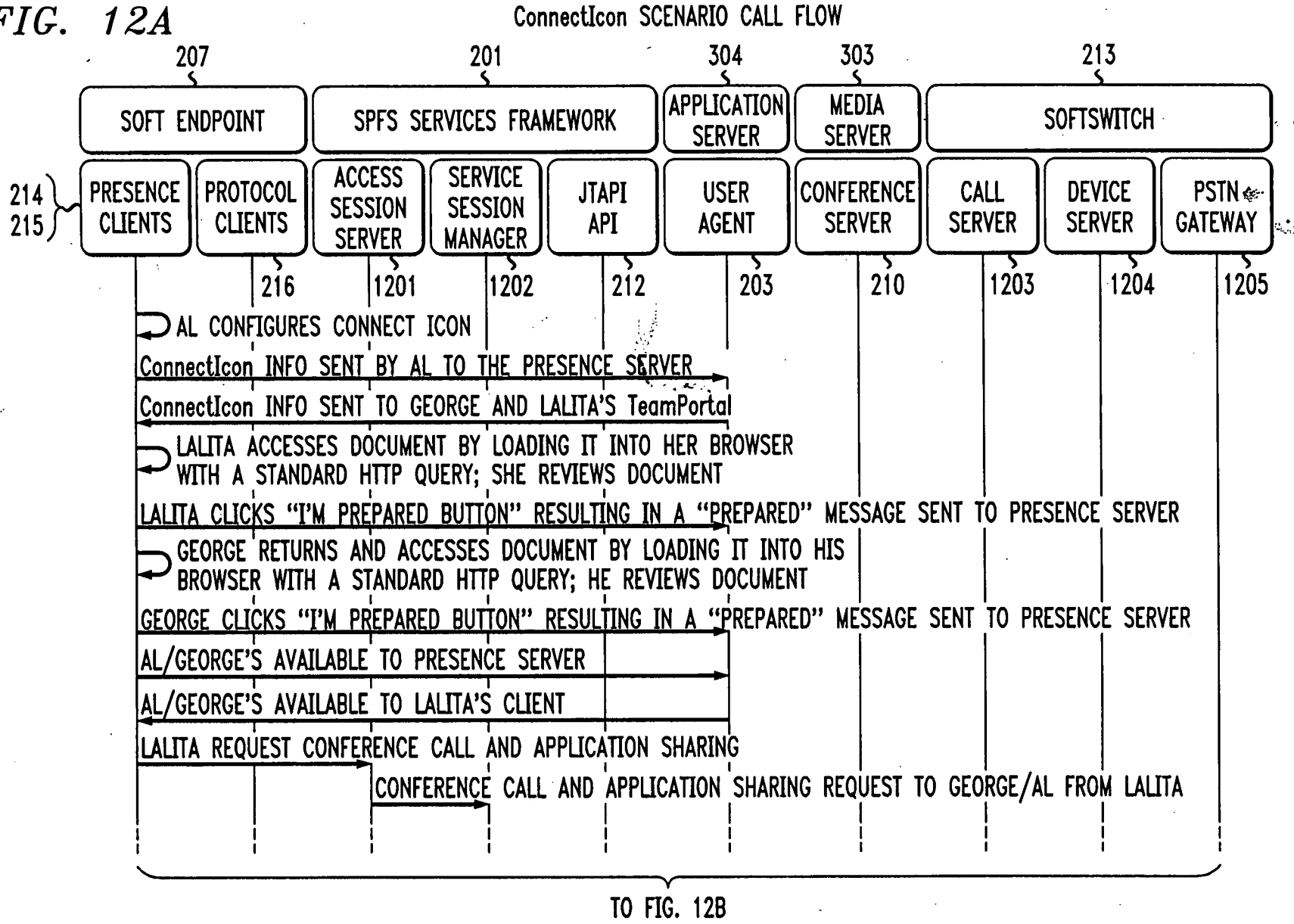

306
gwills
xxxxxx
no group
Login | Logout | Help
417
Nuremburg (Germany) : 4:58 PM 1/3
Bangalore (India) : 9:28 PM 1/3
Swindon (UK) : 3:58 PM 1/3
Indian Hill (US) : 9:58 PM 1/3
214
418
1/01
2/01
3/01
4/01
5/01
6/01
419
gwills
audris
jhersleb
fwales
datkins
jspillane
anj
beki
mhandel
aespipons
email | chat | call | send connection
215
a

FIG. 12A



TO FIG. 12B

FIG. 12B

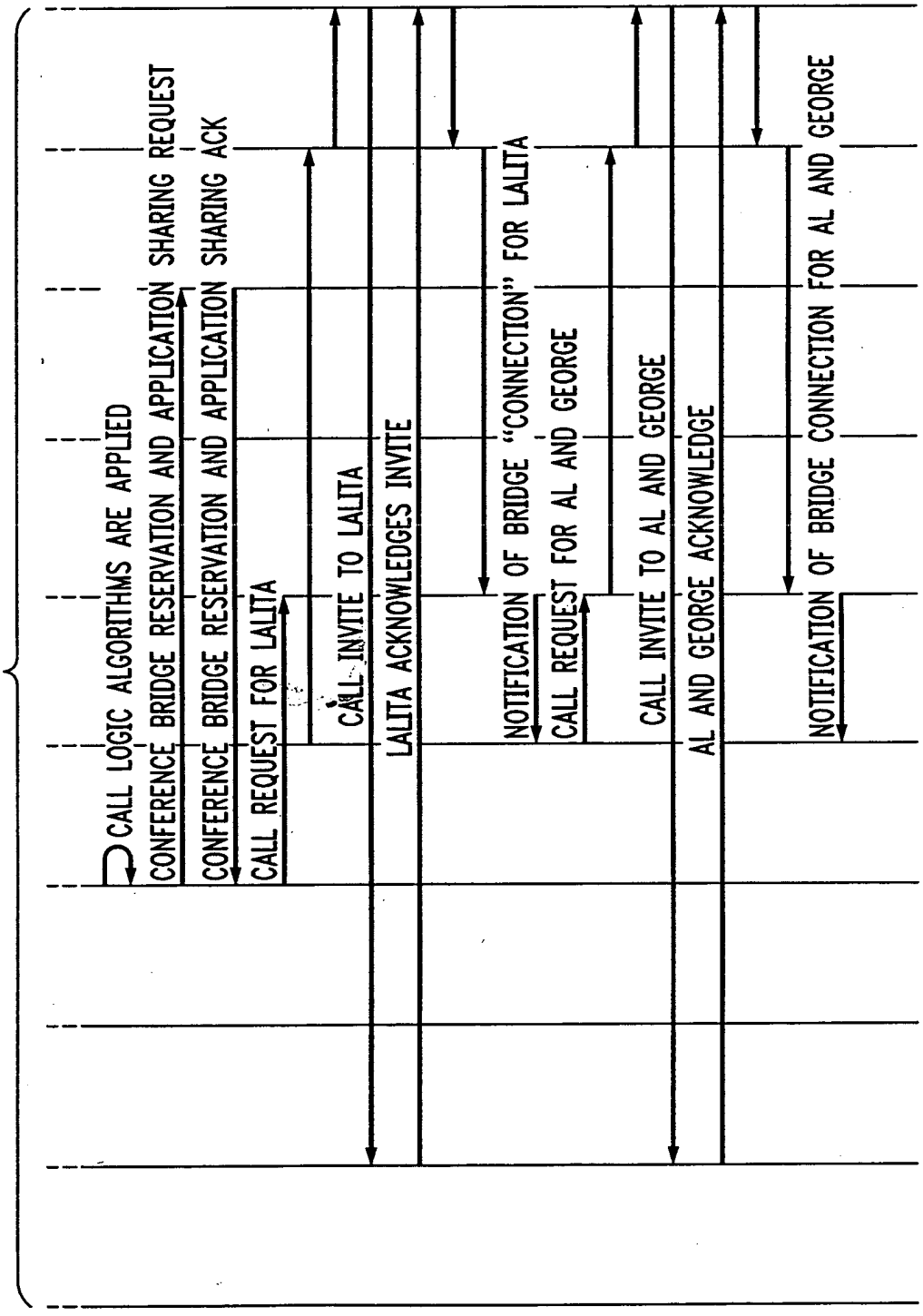
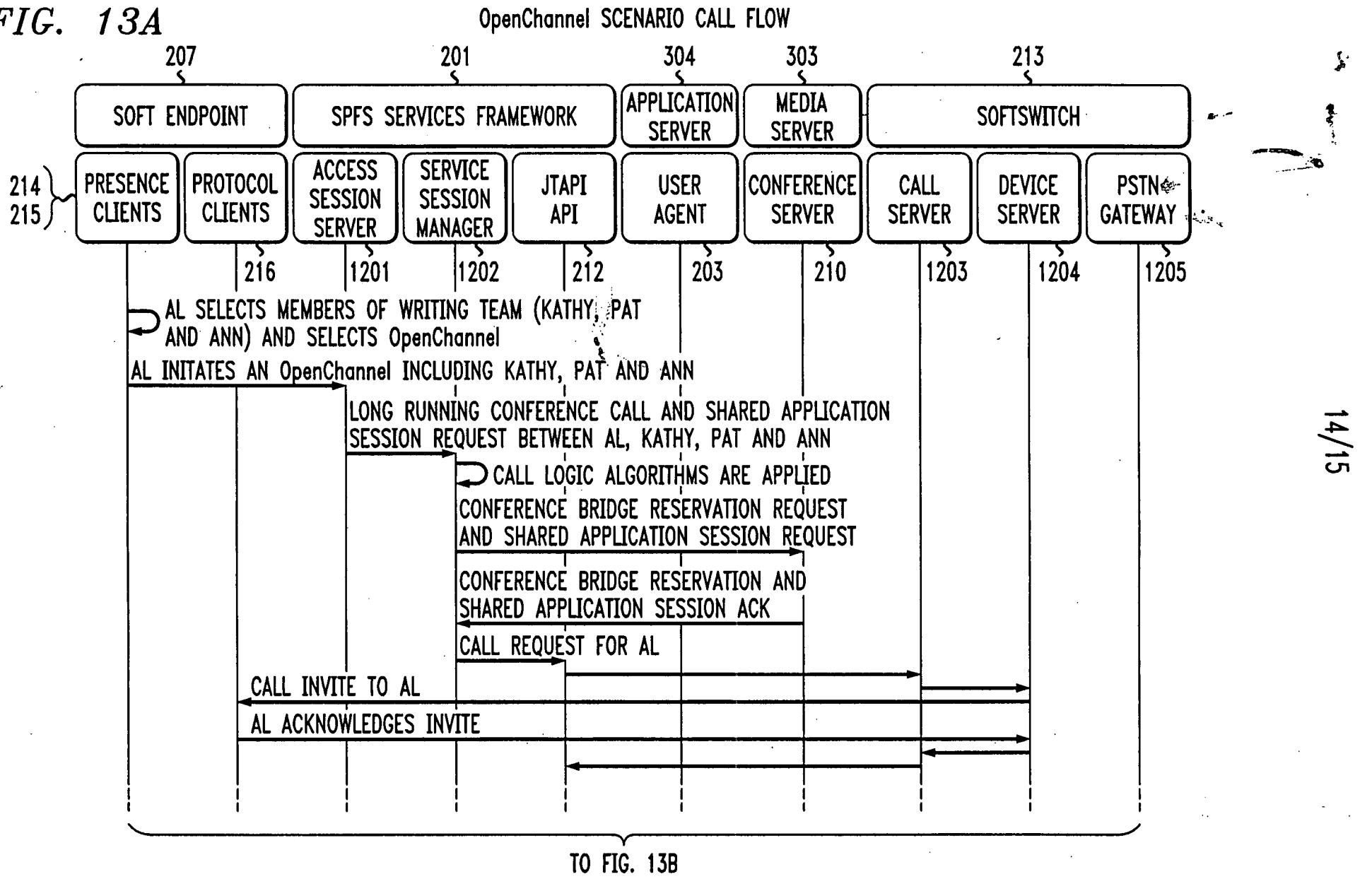
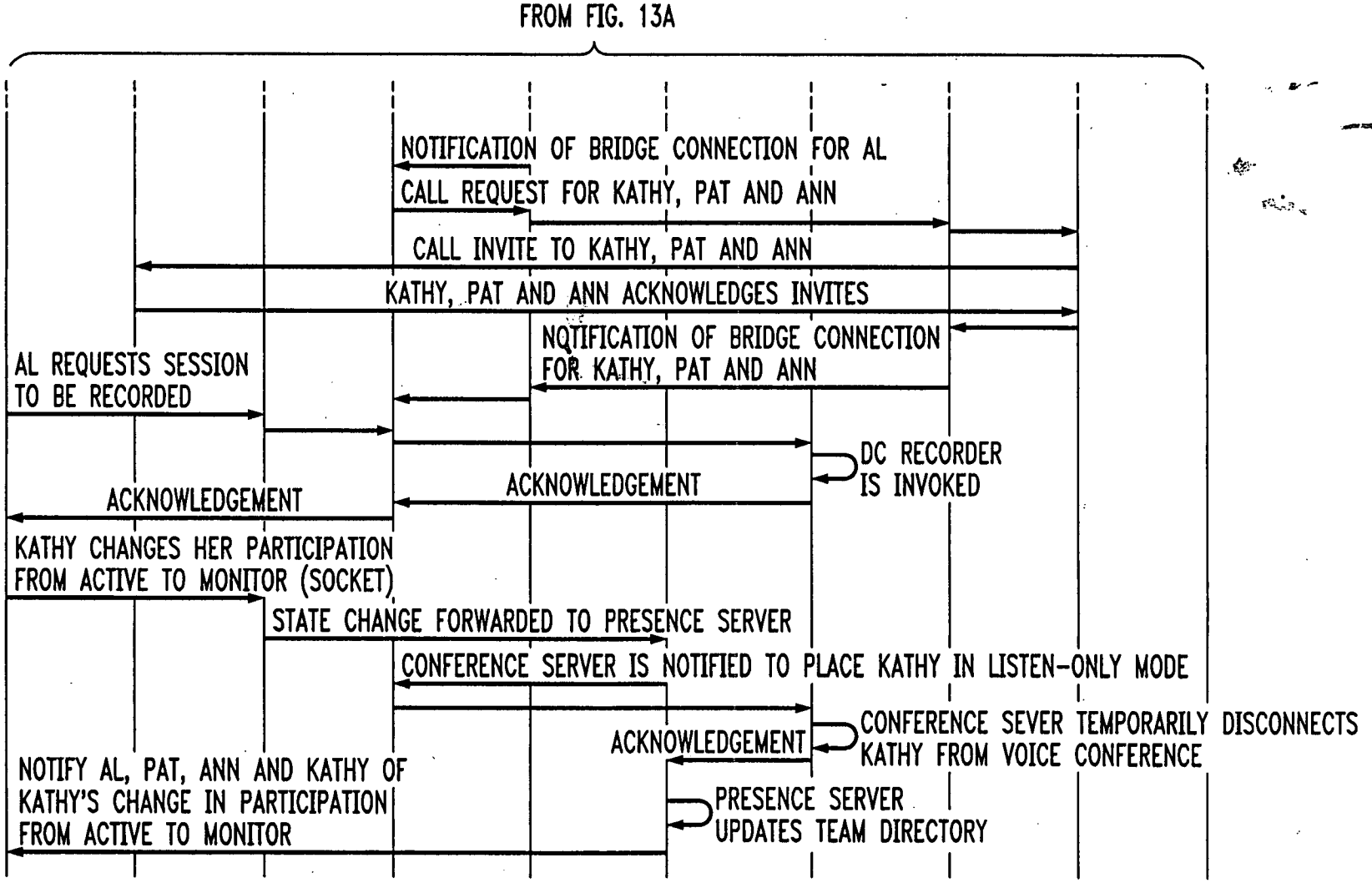

FROM FIG. 12A
CALL LOGIC ALGORITHMS ARE APPLIED
CONFERENCE BRIDGE RESERVATION AND APPLICATION SHARING REQUEST
CONFERENCE BRIDGE RESERVATION AND APPLICATION SHARING ACK
CALL REQUEST FOR LALITA
CALL INVITE TO LALITA
LALITA ACKNOWLEDGES INVITE
NOTIFICATION OF BRIDGE "CONNECTION" FOR LALITA
CALL REQUEST FOR AL AND GEORGE
CALL INVITE TO AL AND GEORGE
AL AND GEORGE ACKNOWLEDGE
NOTIFICATION OF BRIDGE CONNECTION FOR AL AND GEORGE

FIG. 13A



TO FIG. 13B

FIG. 13B


FROM FIG. 13A
NOTIFICATION OF BRIDGE CONNECTION FOR AL
CALL REQUEST FOR KATHY, PAT AND ANN
CALL INVITE TO KATHY, PAT AND ANN
KATHY, PAT AND ANN ACKNOWLEDGES INVITES
NOTIFICATION OF BRIDGE CONNECTION FOR KATHY, PAT AND ANN
AL REQUESTS SESSION TO BE RECORDED
DC RECORDER IS INVOKED
ACKNOWLEDGEMENT
ACKNOWLEDGEMENT
KATHY CHANGES HER PARTICIPATION FROM ACTIVE TO MONITOR (SOCKET)
STATE CHANGE FORWARDED TO PRESENCE SERVER
CONFERENCE SERVER IS NOTIFIED TO PLACE KATHY IN LISTEN-ONLY MODE
CONFERENCE SEVER TEMPORARILY DISCONNECTS KATHY FROM VOICE CONFERENCE
ACKNOWLEDGEMENT
NOTIFY AL, PAT, ANN AND KATHY OF KATHY'S CHANGE IN PARTICIPATION FROM ACTIVE TO MONITOR
PRESENCE SERVER UPDATES TEAM DIRECTORY